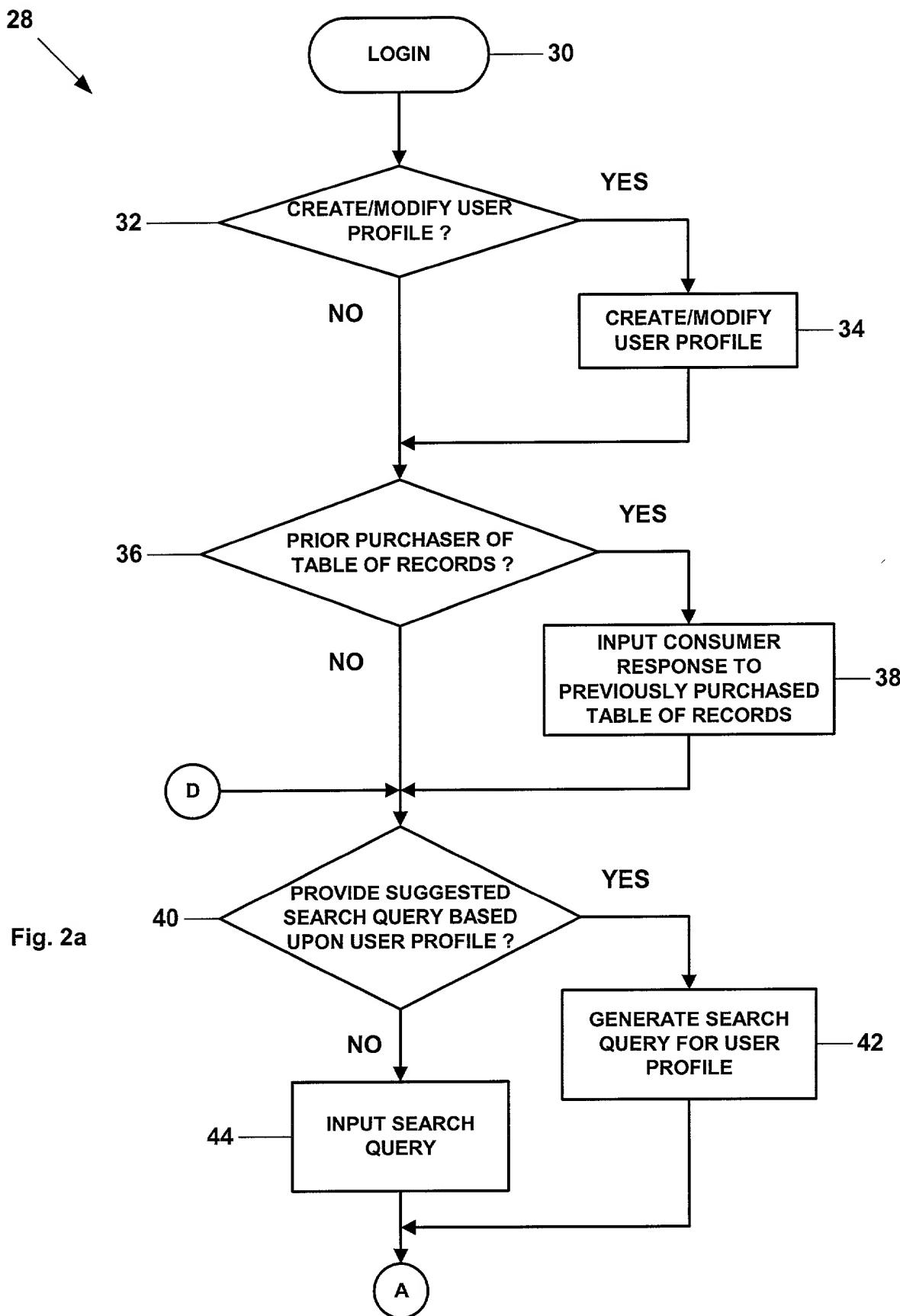
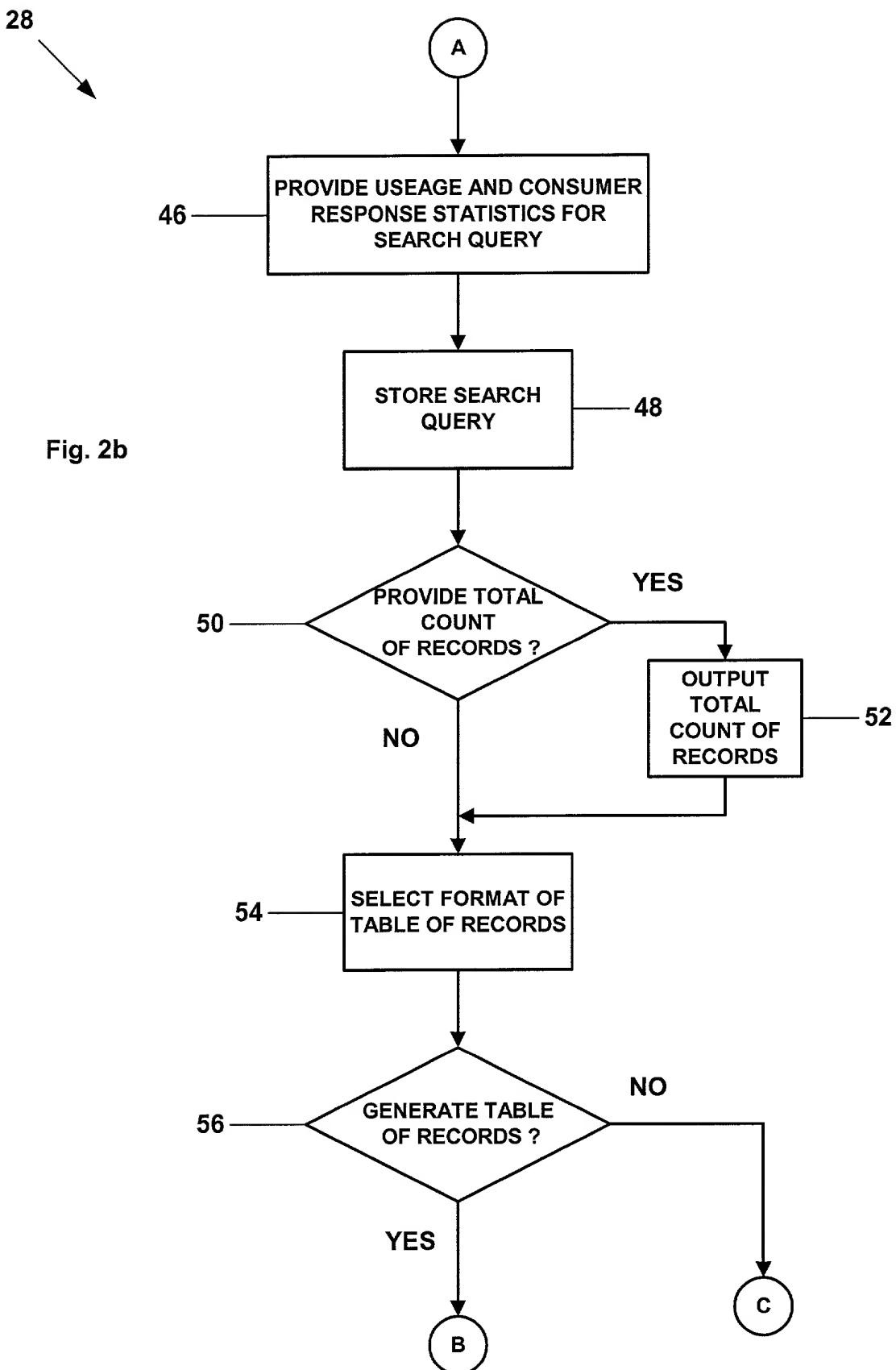
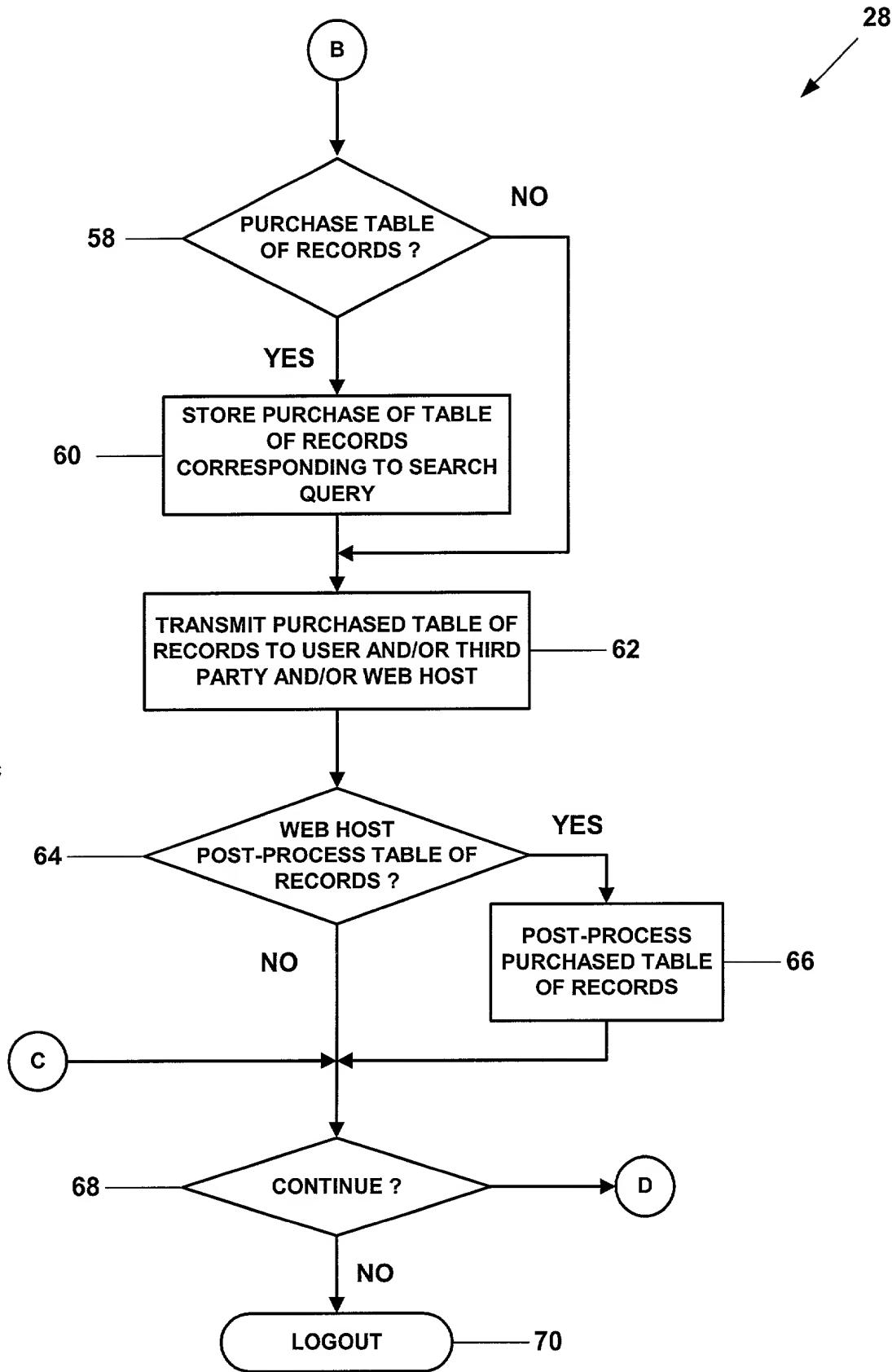
**Fig. 1**







18



| NAME | CITY | STATE | ANNUAL INCOME |
|---------------|-------------|-------|---------------|
| JOHN DOE | HOUSTON | TEXAS | \$150,000 |
| MARY JONES | DALLAS | TEXAS | \$75,000 |
| LARRY SMITH | AUSTIN | TEXAS | \$275,000 |
| MARK RICHARDS | SAN ANTONIO | TEXAS | \$104,000 |

29



Fig. 3

33

ACME COMPUTER COMPANY
PERSONAL COMPUTER RETAIL SALES
500 EMPLOYEES
ANNUAL SALES \$150M
MS-DOS/WINDOWS BASED PERSONAL COMPUTERS
OPERATES IN THE U.S. AND CANADA
CONSUMER'S INCOME AVERAGES 50,000/YEAR
CONSUMER'S AVERAGE PURCHASE IS \$1500/YEAR

Fig. 4

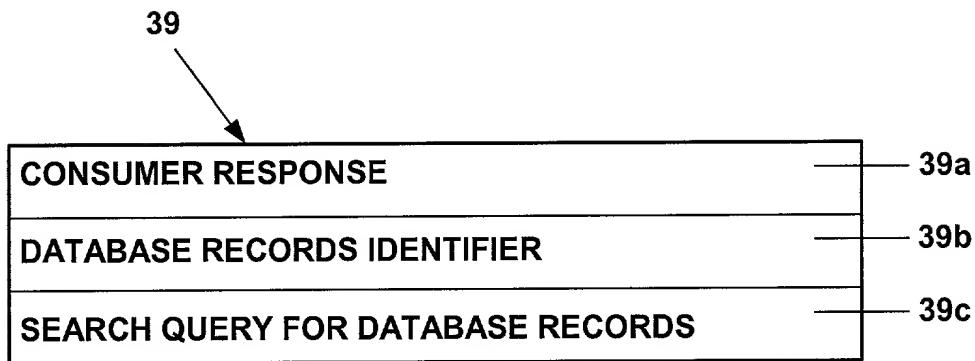


Fig. 5

41

| | |
|-------------------------|-------------------------------|
| USER ATTRIBUTE 1 | OPTIMUM SEARCH QUERY 1 |
| USER ATTRIBUTE 2 | OPTIMUM SEARCH QUERY 2 |
| USER ATTRIBUTE 3 | OPTIMUM SEARCH QUERY 3 |

41a

41b

Fig. 6

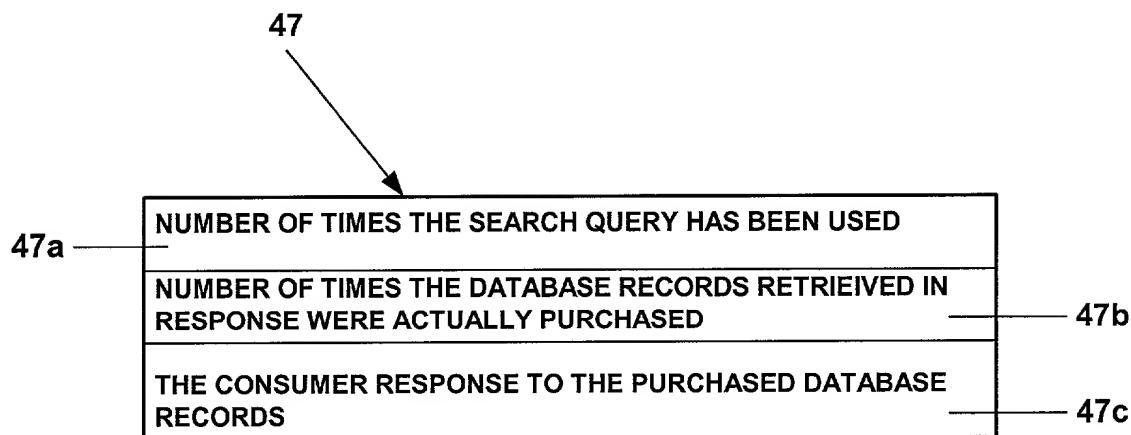


Fig. 7

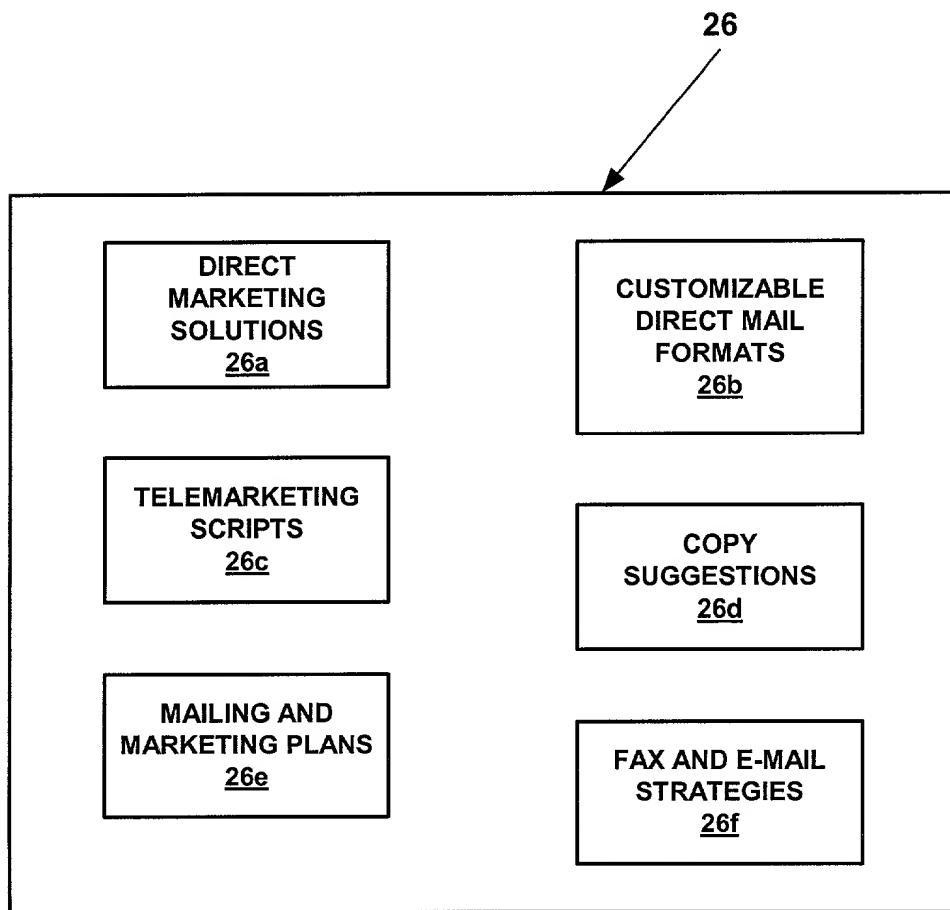


Fig. 8

18

29

29a

| NAME | CITY | STATE | ANNUAL INCOME | SUPPRESSION CODE |
|---------------|-------------|-------|---------------|------------------------|
| JOHN DOE | HOUSTON | TEXAS | \$150,000 | YES/USER#12/01/12/2000 |
| MARY JONES | DALLAS | TEXAS | \$75,000 | |
| LARRY SMITH | AUSTIN | TEXAS | \$275,000 | |
| MARK RICHARDS | SAN ANTONIO | TEXAS | \$104,000 | YES/USER#19/12/15/1999 |

Fig. 9

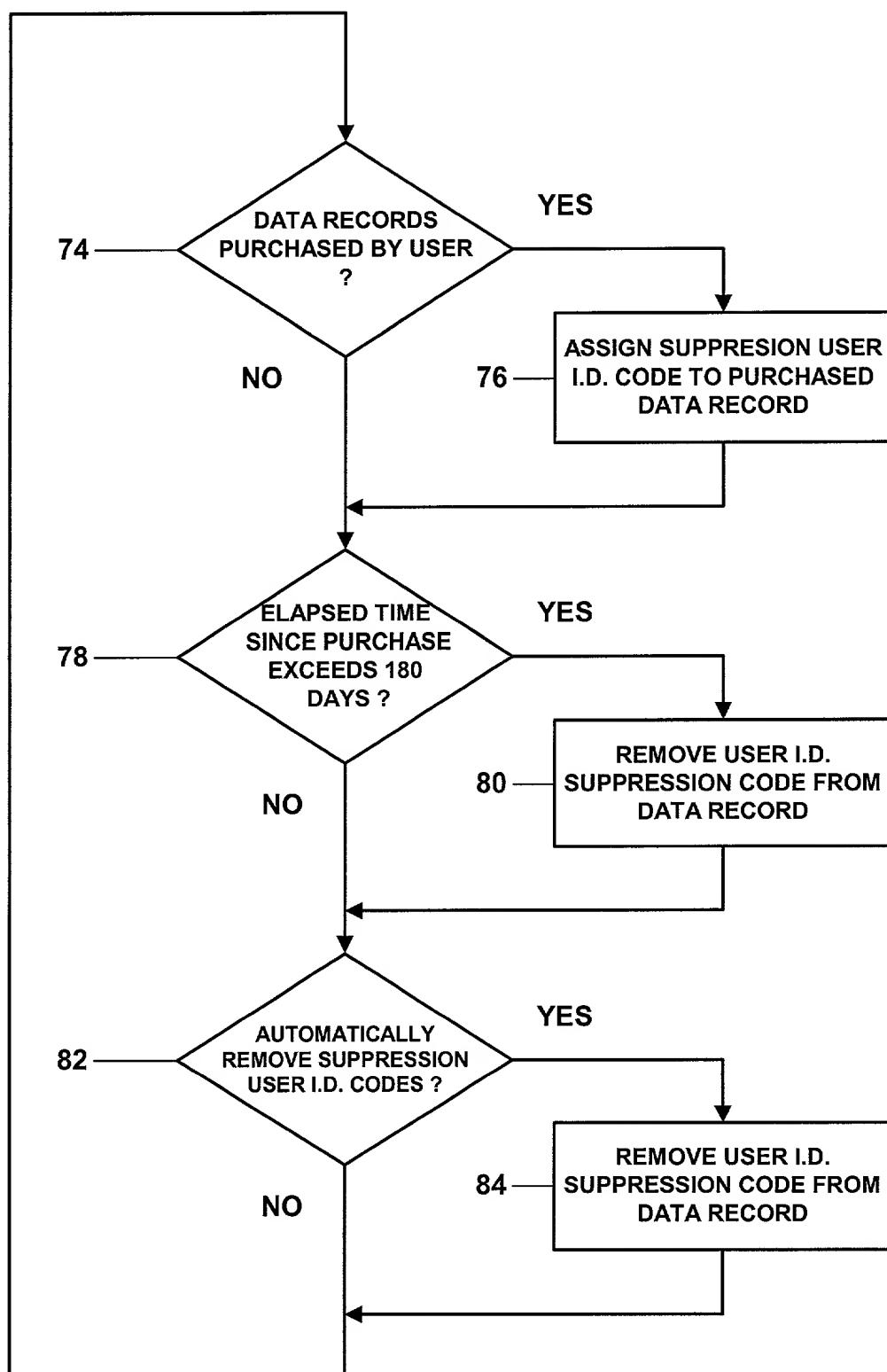
The diagram illustrates a database record identifier table. A large arrow labeled '71' points to the top right corner of the table. A horizontal line labeled '71a' extends from the left side of the table to the left edge of the first column. A horizontal line labeled '71b' extends from the right edge of the second column to the right side of the table. The table has two rows. The first row contains two columns: 'DATABASE RECORD IDENTIFIER' and 'SUPPRESSION CODE'. The 'IDENTIFIER' column contains the value '1' above a dotted line and '1000' below it. The 'SUPPRESSION CODE' column contains the value 'YES/USER#12/01/12/2000' above a dotted line and 'YES/USER#19/12/15/1999' below it.

| DATABASE RECORD IDENTIFIER | SUPPRESSION CODE |
|----------------------------|--|
| 1 1000 | YES/USER#12/01/12/2000 YES/USER#19/12/15/1999 |

Fig. 9a

72

Fig. 10



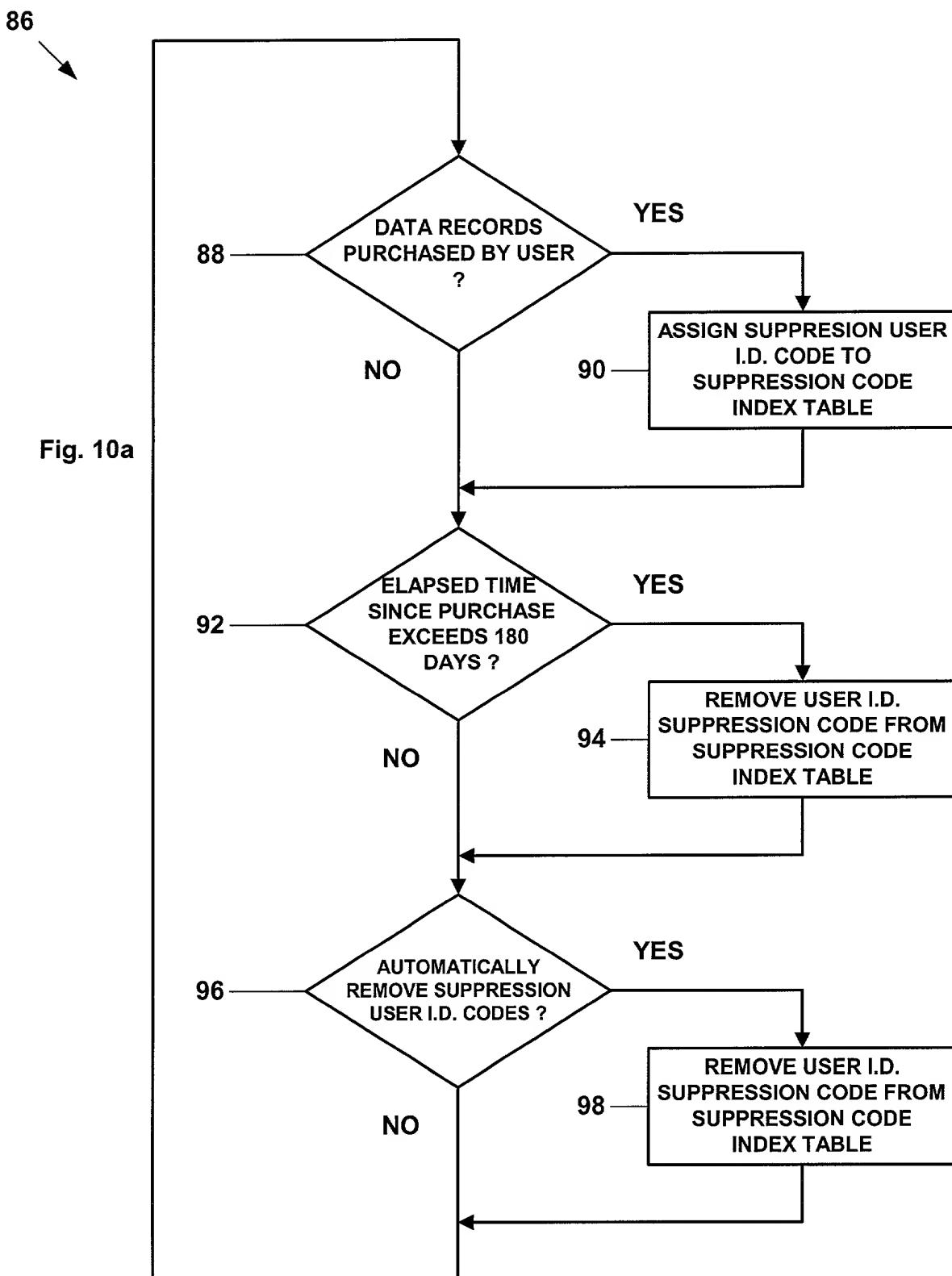
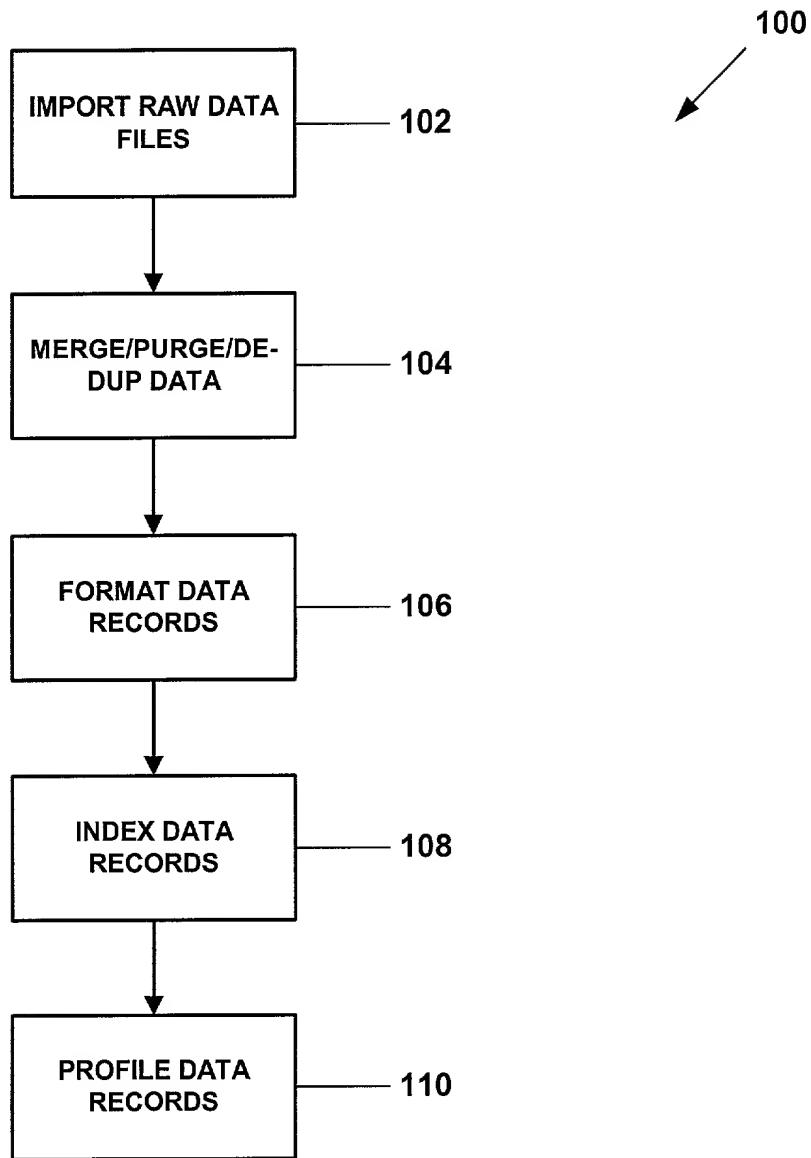


Fig. 11

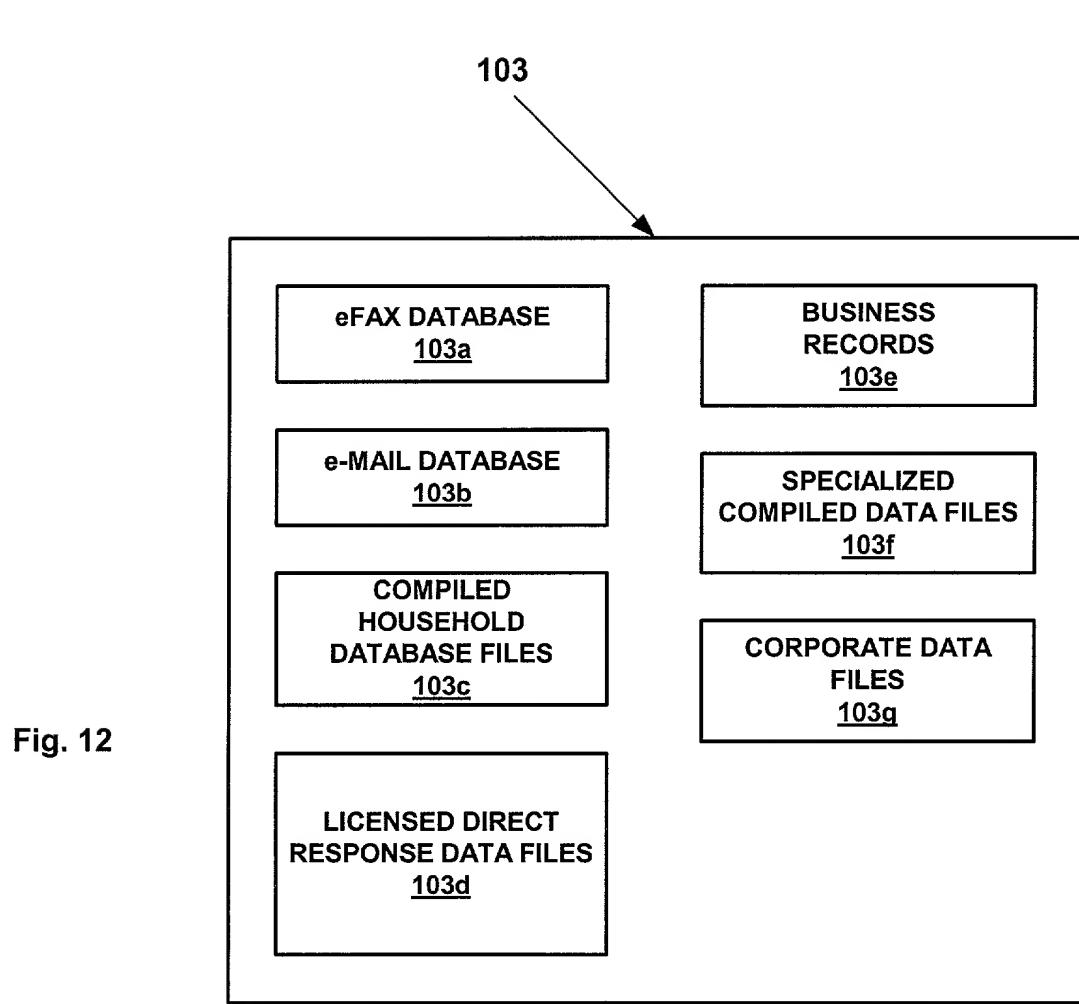


Fig. 12

| STATE | INDEX |
|---------|-------|
| ALABAMA | 01 |
| TEXAS | 50 |

109

109b

109a

Fig. 13

| QUANTITY | CHARACTERISTIC |
|--------------|-------------------|
| 500 RECORDS | RESIDENT OF TEXAS |
| 2000 RECORDS | INCOME > 50,000 |

111

111a

111b

Fig. 14